



# For Control of Scale Pests

## WALNUT

Centaur® insect growth regulator provides long lasting control of both armored and soft scales in walnuts by inhibiting the molting process of immature stages.

### Key Benefits

- **Excellent Scale Control:** effective on immature life stages of armored and soft scales
- **Flexible Timing:** dormant, delayed dormant to crawler emergence; anytime crawlers are present
- **Targeted Spectrum of Activity:** minimal impact on beneficial insects
- **Resistance Management:** IRAC Group 16, unique insect growth regulator

### Use Recommendations

- Target crawlers and other immature stages for optimal results
- Using an adjuvant may improve coverage
- Use a minimum of 100 gallons of water per acre by ground; 5 gallons of water per acre by air
- Good spray coverage is essential

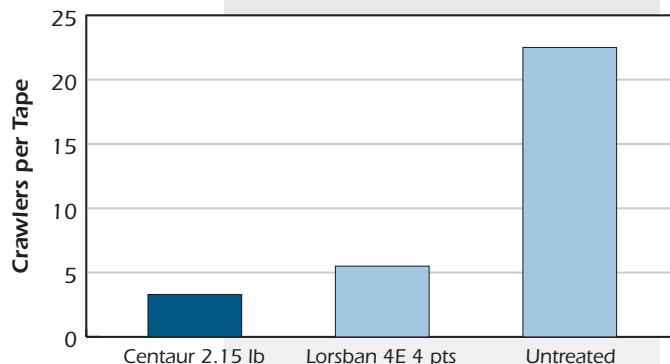
### Use Information

- Use rates: 34.5 oz to 46 oz per acre
- Reentry Interval (REI): 12 hours
- Preharvest Interval (PHI): 60 days
- One application per growing season
- Signal Word: Caution
- Restricted Use: No
- Posting Required: No

See reverse for additional information >

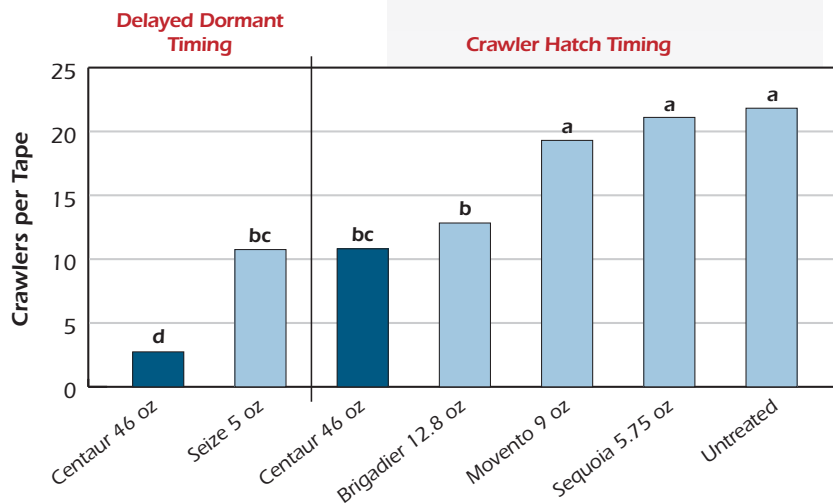


### Efficacy on Walnut Scale – Delayed Dormant Ord Bend, CA



Application date: March 10

### Efficacy on Walnut Scale Marysville, CA



Application date: April 8  
Crawler hatch application: May 6



# Application Timing for Centaur\*

## Scale Identification

### Armored Scales:

San Jose Scale



Walnut Scale



- San Jose scale has 4 and Walnut scale has 2 generations/year
- Both overwinter in an immature stage

### Soft Scales:

European Fruit Lecanium

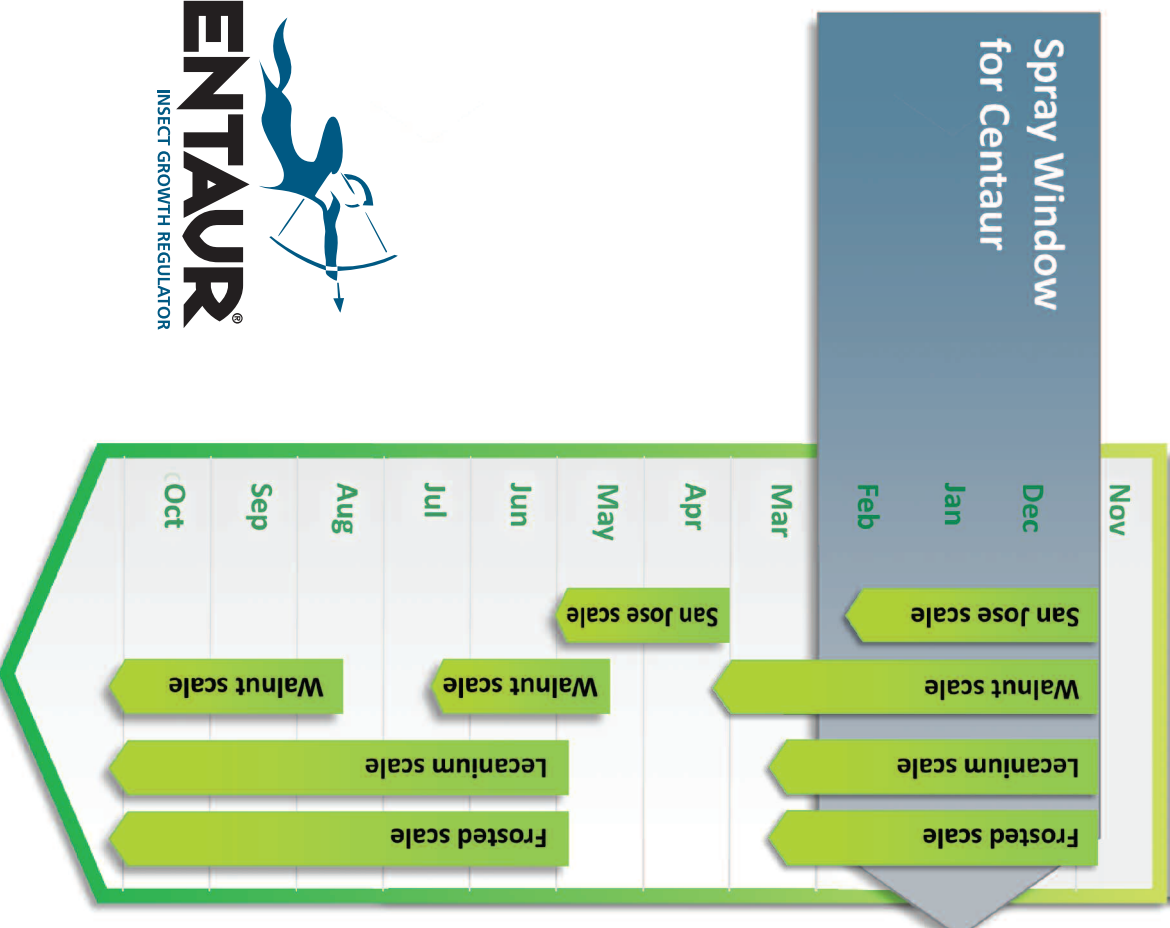


Frosted Scale



- Fruit Lecanium and Frosted scale have 1 generation/year
- Both overwinter in an immature stage

## Scale Immature Stages



\*Timing may vary depending on climatic temperatures.



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